

FIG. 1

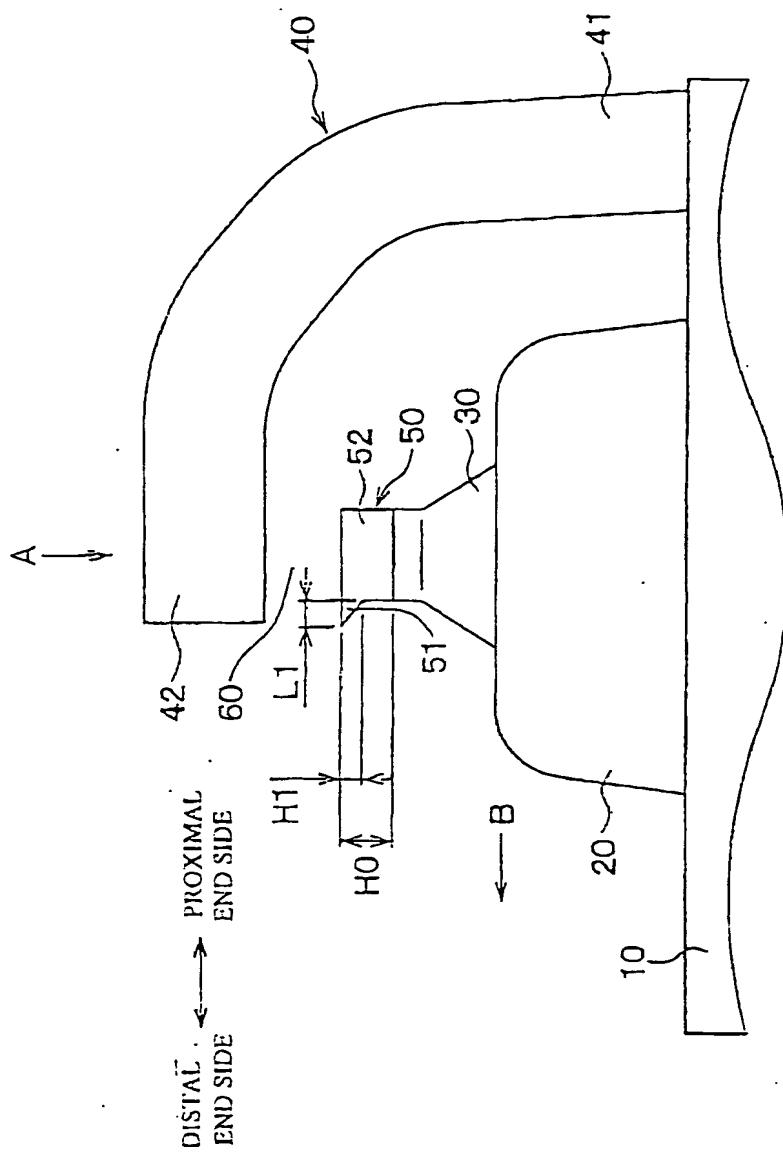


FIG. 2

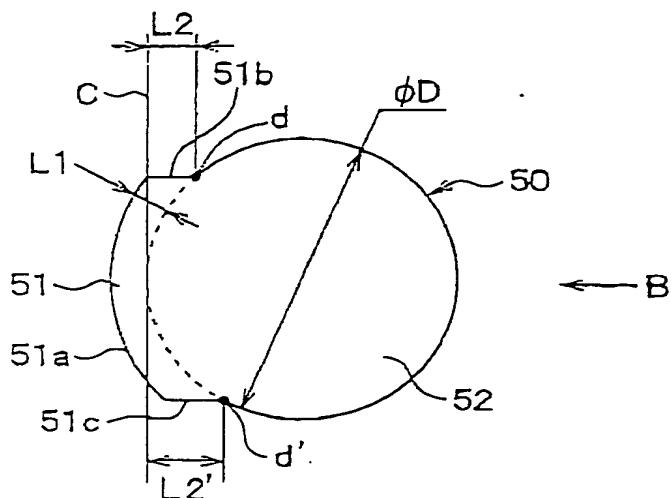


FIG. 3

	PRIOR ART	①	②	③	④	⑤	⑥
L1 (mm)	0	0.01	0.1	0.2	0.1	0.01	0.01
L2 / D	0	0.5	0.5	0.5	0.1	0.1	0.1
L2' / D	0	0.5	0.5	0.5	0.5	0.1	0.1
H1 (mm)	0	0.1	0.1	0.1	0.1	0.1	0.3
SYMBOL	●	○	△	□	◇	×	▲

FIG. 4

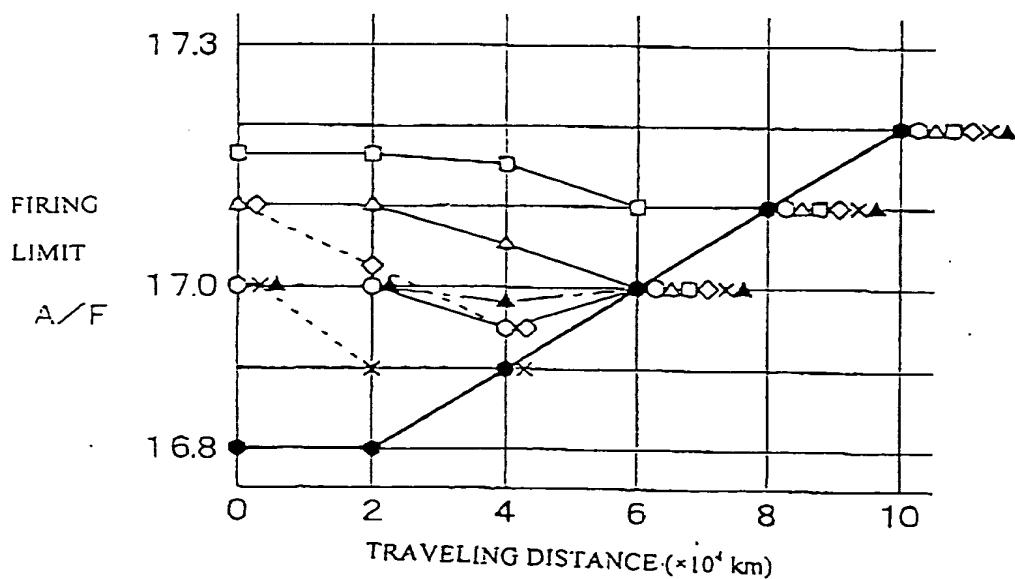


FIG. 5

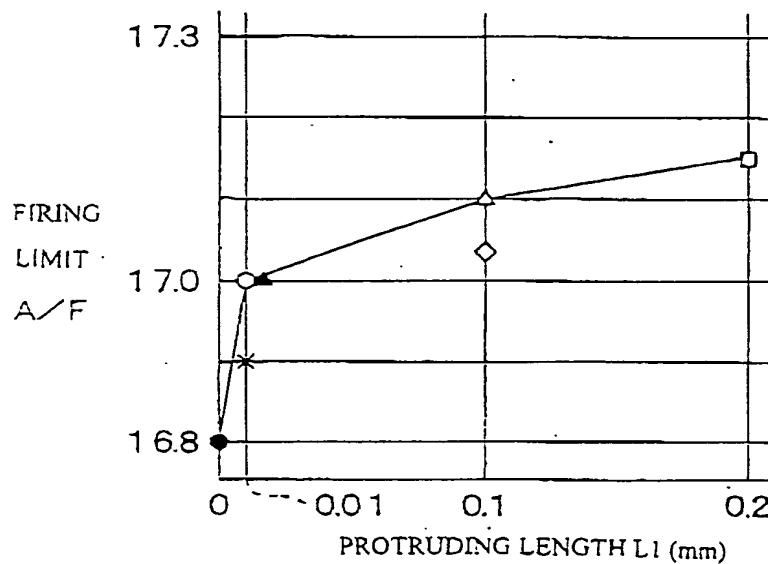


FIG. 6

PRIOR ART	①	②	③	④	⑤	⑥
L_1 (mm)	0	0.01	0.1	0.2	0.1	0.01
L_2/D	0	0.5	0.5	0.5	0.1	0.1
L_2'/D	0	0.5	0.5	0.5	0.5	0.1
H_1 (mm)	0	0.1	0.1	0.1	0.1	0.3
SYMBOL	●	○	△	□	◇	▲

FIG. 7

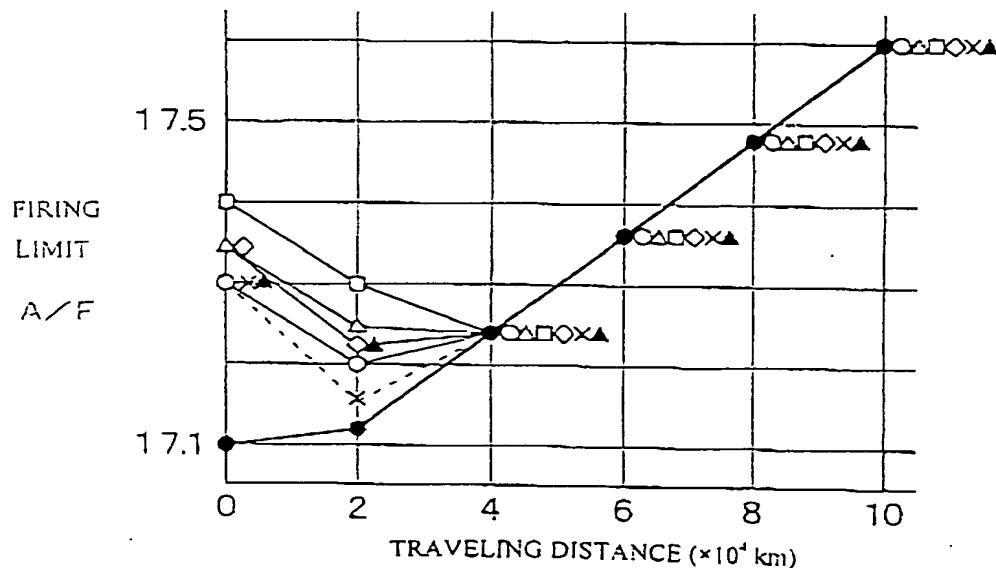


FIG. 8

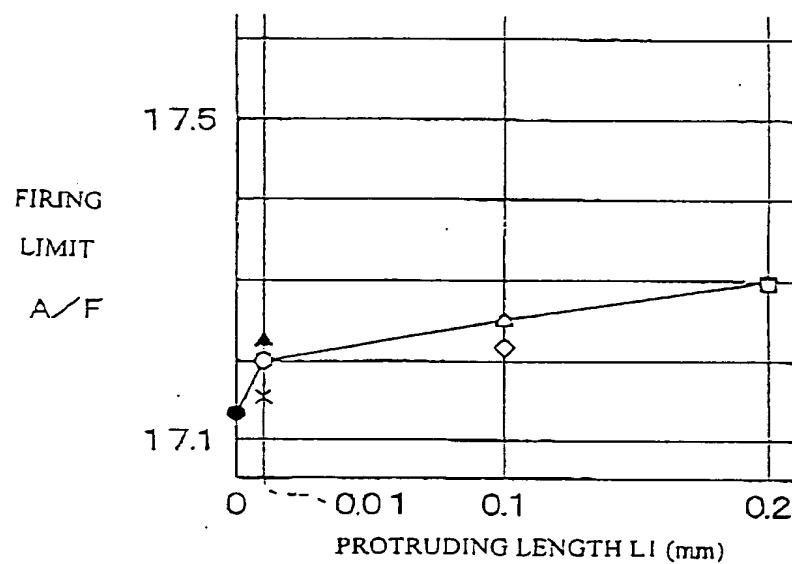


FIG. 9A

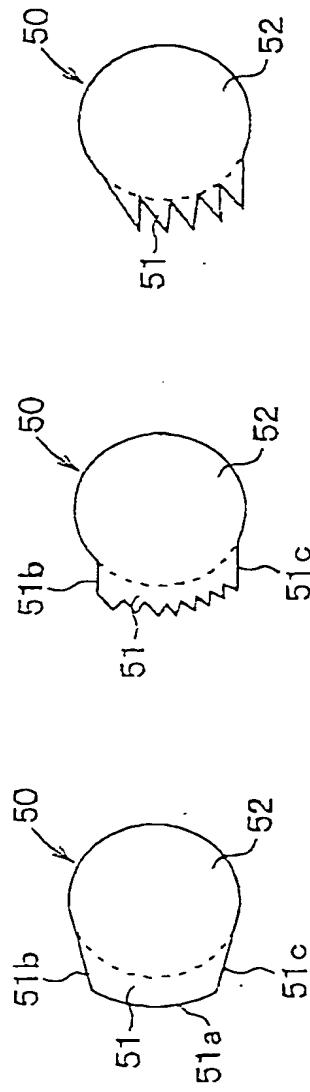


FIG. 9B

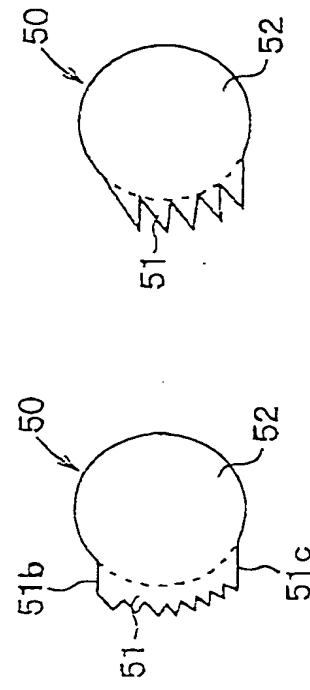


FIG. 9C

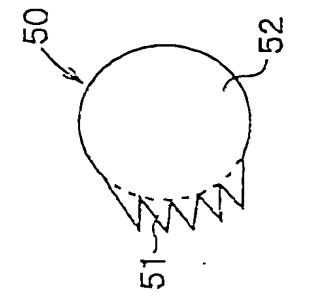


FIG. 9D

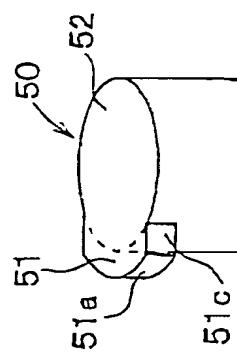
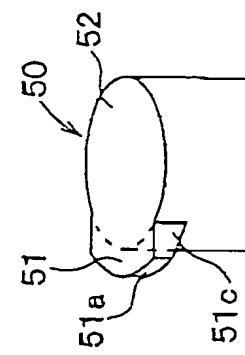


FIG. 9E



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FIG. 10

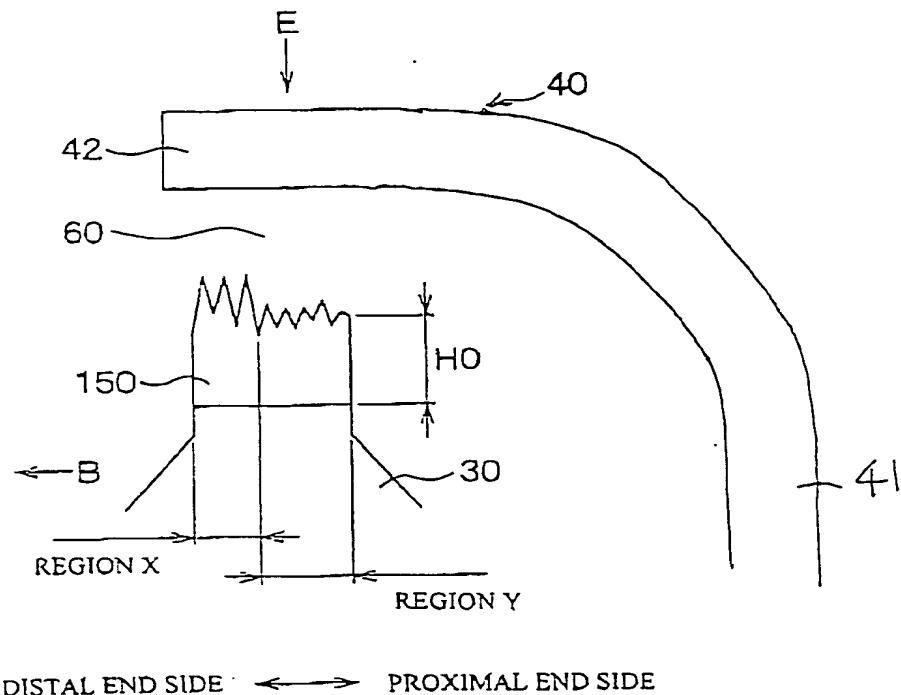


FIG. 11

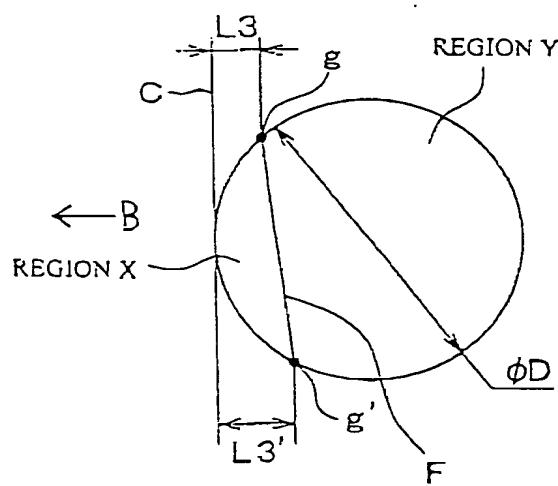


FIG. 12

PRIOR ART	①	②	③	④	⑤	⑥	⑦	⑧
$\Delta W_{CM} (\mu m)$	0	0	0	0	0	0	0	-50
$L_3 \neq D$	0	0.3	0.3	0.3	0.1	0.1	0.5	0.1
$L_3' \neq D$	0	0.3	0.3	0.3	0.1	0.5	0.5	0.1
$\Delta R_z (\mu m)$	4 \geq	20	200	400	600	20	20	20
SYMBOL	●	○	Δ	□	\diamond	▲	■	◆ x

FIG. 13

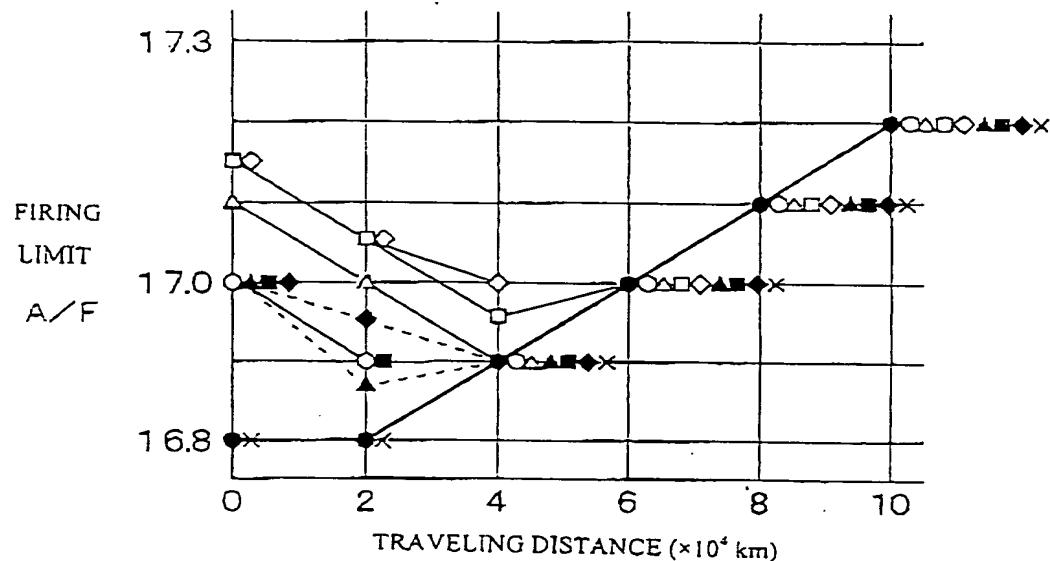


FIG. 14

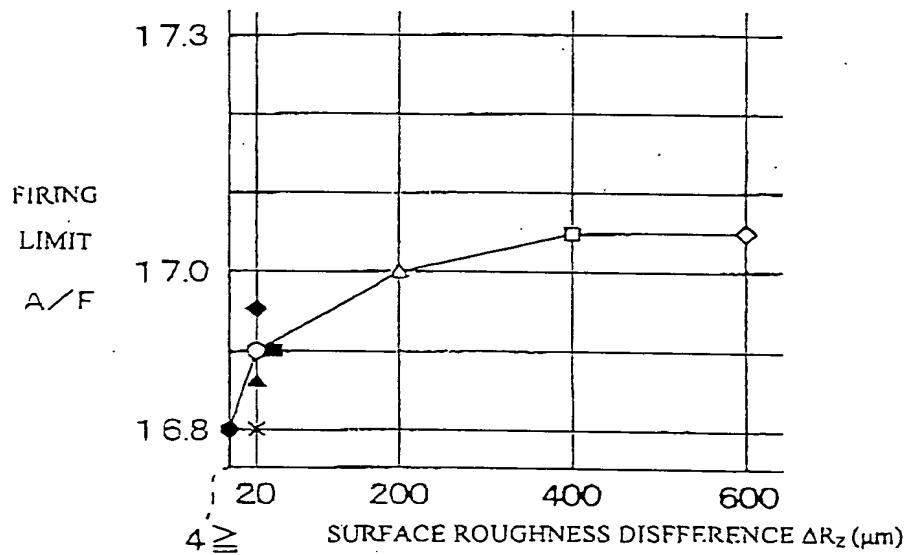


FIG. 15

PRIOR ART	①	②	③	④	⑤	⑥	⑦	⑧
$\Delta W_{CM} (\mu m)$	0	0	0	0	0	0	0	-50
$L3/D$	0	0.3	0.3	0.3	0.1	0.1	0.5	0.1
$L3'/D$	0	0.3	0.3	0.3	0.1	0.5	0.5	0.1
$\Delta Rz (\mu m)$	$4 \geq$	20	200	400	600	20	20	20
SYMBOL	●	○	△	□	◇	▲	■	◆ ×

FIG. 16

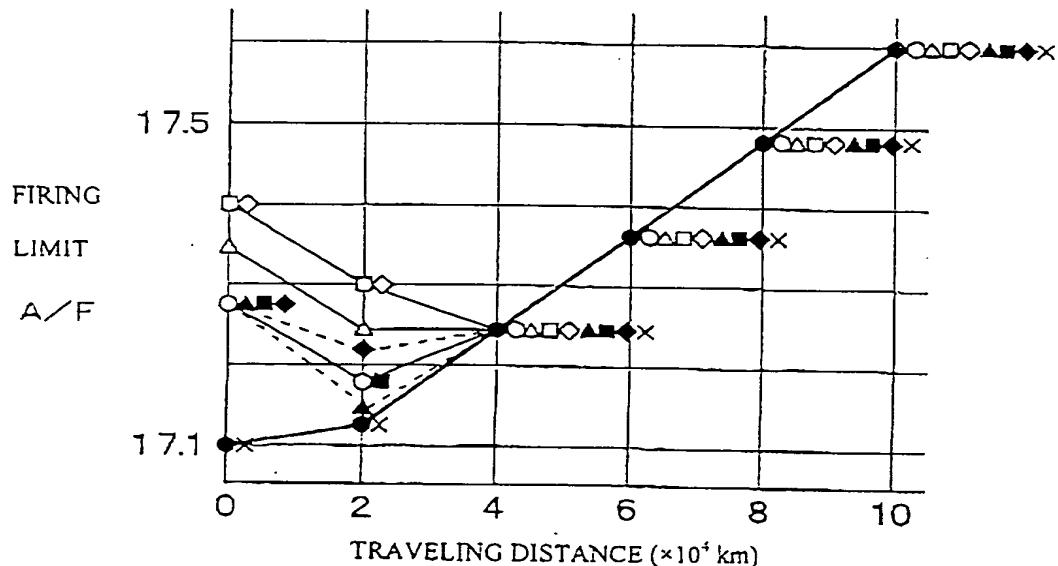


FIG. 17

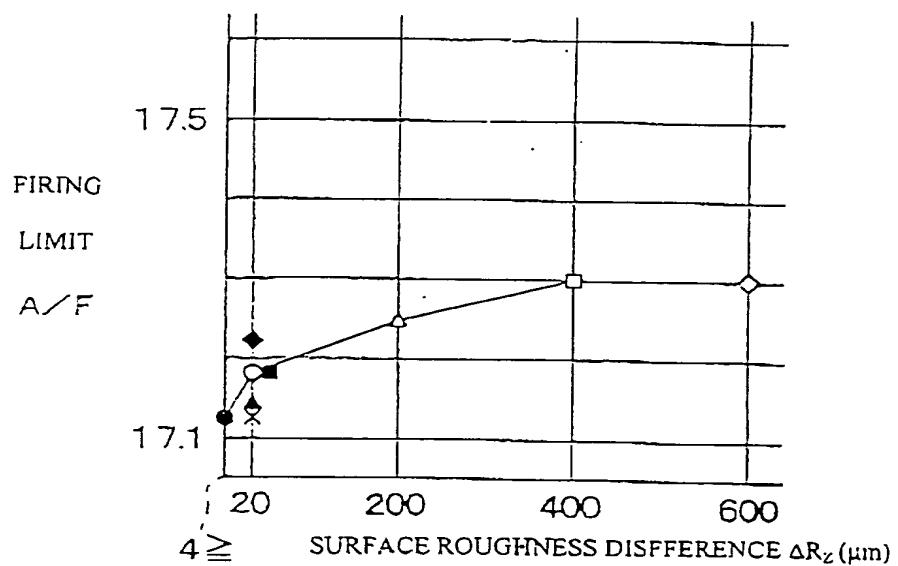


FIG. 18A

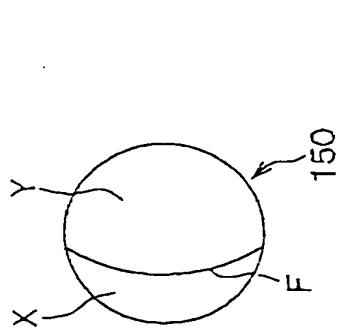


FIG. 18B

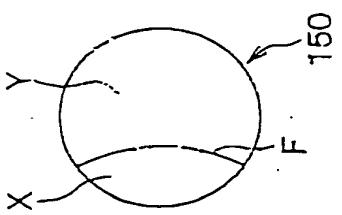


FIG. 18C

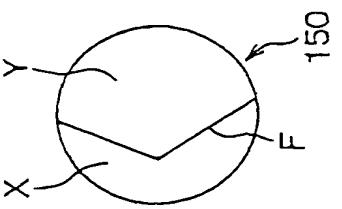


FIG. 18D

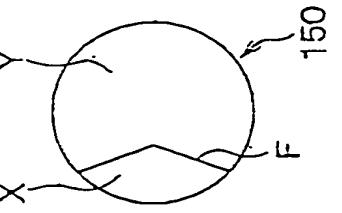


FIG. 19

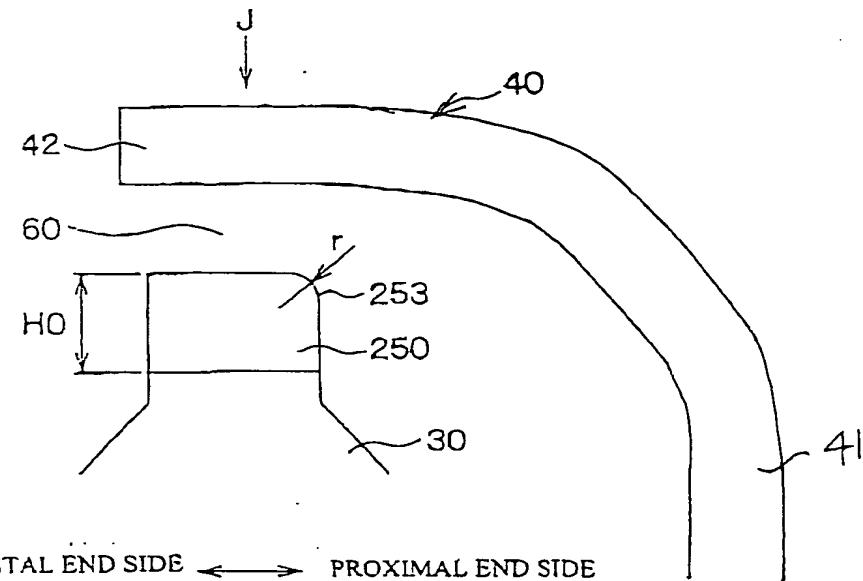


FIG. 20

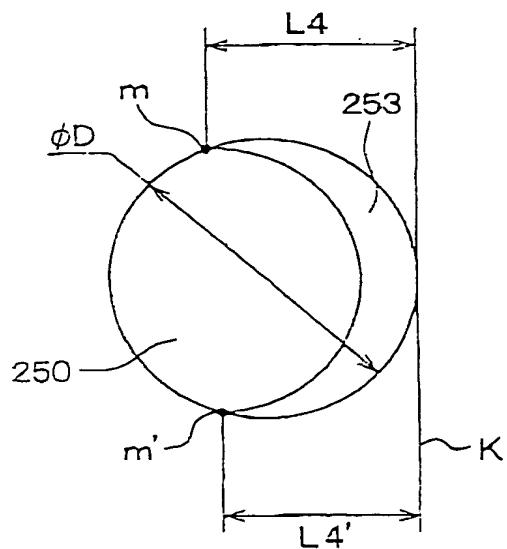


FIG. 21

	PRIOR ART ①	②	③	④	⑤	⑥
r_{\max} (mm)	0	0.05	0.10	0.15	0.20	0.05
$L4/D$	0	0.5	0.5	0.5	0.5	0.8
$L4'/D$	0	0.5	0.5	0.5	0.5	0.8
SYMBOL	●	○	△	□	◇	▲

FIG. 22

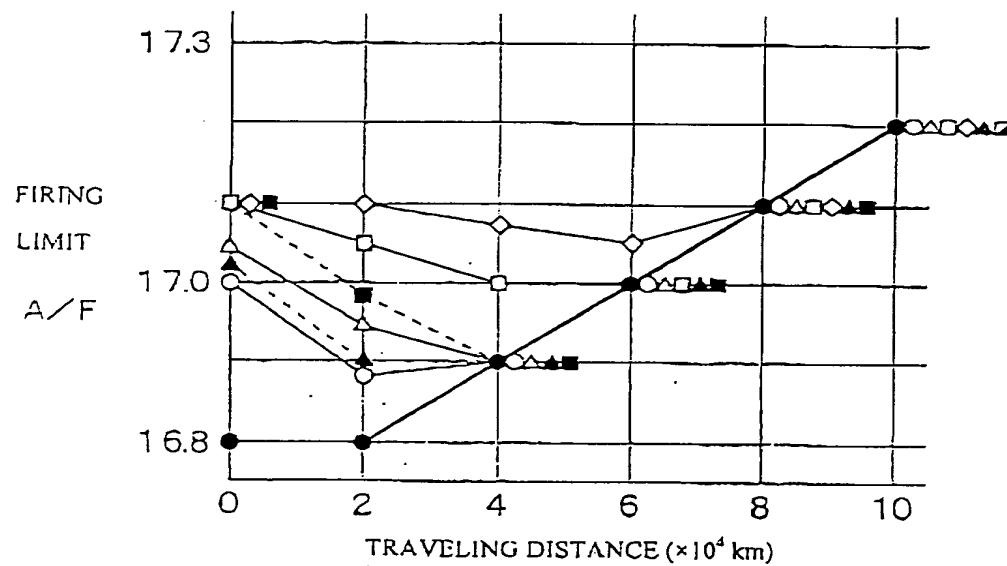


FIG. 23

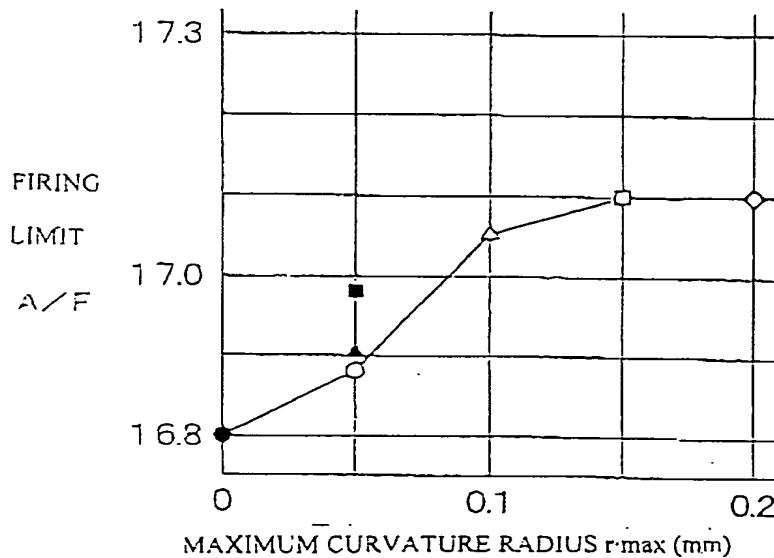


FIG. 24

PRIOR ART	①	②	③	④	⑤	⑥	
r_{\max} (mm)	0	0.05	0.10	0.15	0.20	0.05	0.05
$L4/D$	0	0.5	0.5	0.5	0.5	0.5	0.8
$L4'/D$	0	0.5	0.5	0.5	0.5	0.8	0.8
SYMBOL	●	○	△	□	◇	▲	■

FIG. 25

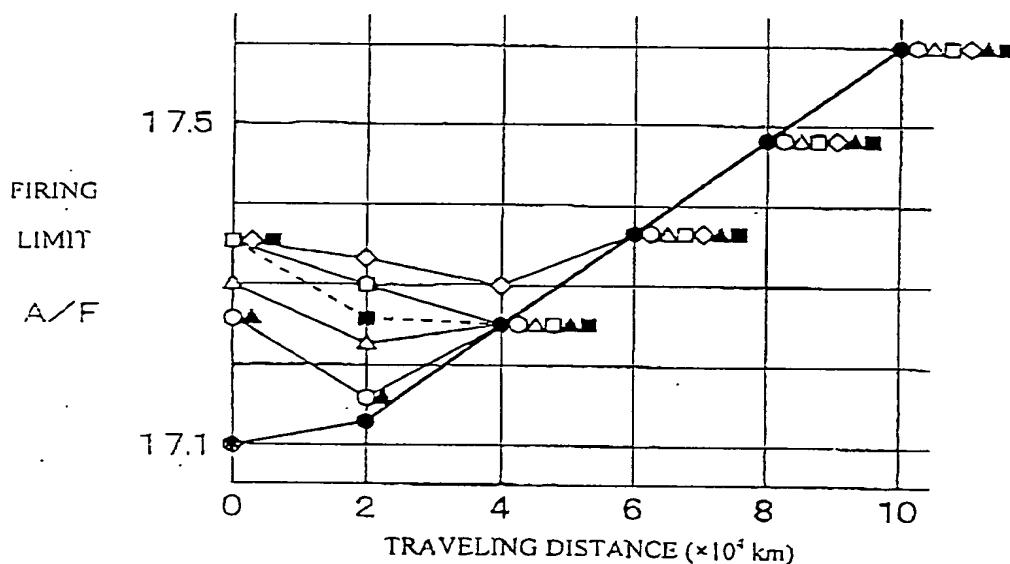
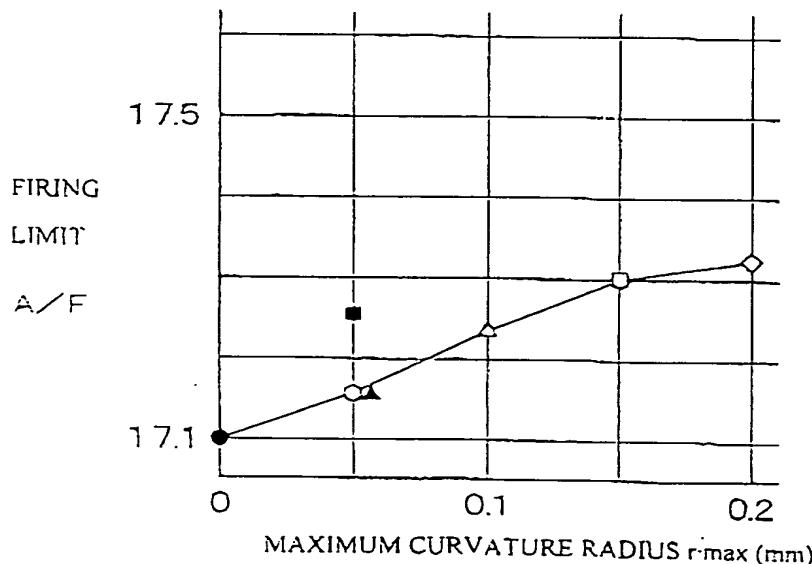


FIG. 26



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FIG. 27A

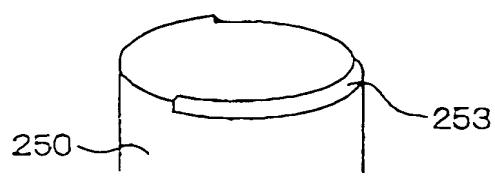


FIG. 27B

